

18. The apparatus according to claim 10 additionally comprised of a LiBr ARU which supplies said chilling.

- 5 19. An apparatus for increasing the efficiency of a combustion turbine and a comprising:
- a) a chiller for the inlet air for the combustion turbine which chills said air to below the dew point;
  - b) a collector for condensate from said chiller; and
  - c) a system for injecting said condensate into said chilled air in the form of fog-sized droplets.
- 10

20. The apparatus according to claim 19 additionally comprised of an ARU which supplies cooling to said chiller and which is supplied waste heat from said combustion turbine exhaust; and at least one of:

- 15 a) a heat recovery steam generator; and *which is supplied waste heat from said combustion turbine exhaust*
- b) a regenerator. *which exchanges heat from said combustion turbine exhaust to said air.*